



Extra Miles Solutions

UTRACK® GPS Tracking System



MS02 User Guide

Contents

1. Quick Start	- 3 -
1.1 Device Configuration	- 3 -
1.1.1 By SMS Commands	- 3 -
1.1.2 By Parameter Editor	- 4 -
1.2 Login MS02.....	- 5 -
1.3 Add New Device	- 5 -
1.4 Check Status Updates	- 7 -
2. System Functions	- 7 -
2.1 System Settings	- 7 -
2.1.1 Language	- 7 -
2.1.2 Skin	- 8 -
2.1.3 Time Zone	- 8 -
2.1.4 Logout	- 8 -
2.2 Manage	- 9 -
2.2.1 Admin	- 9 -
2.2.2 IO Customized	- 12 -
2.3 Reports	- 14 -
2.3.1 Alarm Report	- 14 -
2.3.2 History Report	- 17 -
2.3.3 Speed Chart (Pie Chart)	- 18 -
2.3.4 Speed Chart (Line Chart)	- 19 -
2.3.5 Parking Report.....	- 19 -
2.3.6 Distance Report	- 20 -
2.3.7 Sensor Report.....	- 20 -
2.4 Search.....	- 21 -
2.4.1 Manual Location Search	- 21 -
2.4.2 Get Directions.....	- 22 -
2.4.3 POI Setting.....	- 23 -
2.5 Control Panel.....	- 25 -
2.5.1 Device.....	- 25 -
2.5.2 Commands	- 27 -
2.6 Status	- 27 -
2.6.1 Status	- 27 -
2.6.2 Alarm.....	- 27 -
2.6.3 Updates	- 28 -
2.7 Help.....	- 28 -
3. Mobile Tracking.....	- 28 -
3.1 Mobile Tracking Wap.....	- 28 -
3.2 Mobile Professional Version	Error! Bookmark not defined.

1. Quick Start

1.1 Device Configuration

The device can be configured either by step 1.1.1 or 1.1.2. Please refer to the user manual of each model for more details.

1.1.1 By SMS Commands

Model	Configuration
GT30i, GT60, VT300, VT310, VT400	A. Set Tracker (GPRS) ID SMS Command: W000000,010,S/N Check the S/N barcode label from the device's case or PCB. This is the identification number for the device in MS02 and it cannot be changed. For example, if the S/N reads as 4037828853, the SMS command you need to send as follows, W000000,010, 4037828853 B. Set APN SMS Command: W000000,011,APN,APN Username,APN password Note: if no APN username and password required, leave them blank. For example, if using Starhub Mobile's SIM card, the SMS command is as follows: W000000,011,shwapint If in China mainland using China Union com's SIM card, the SMS command is as follows: W000000,011,UNINET C. Set IP Address and Port SMS Command: W000000,012, IP address,Port For example, if you use our sever, the SMS command is as follows: W000000,012,103.9.103.14,8500 D. Enable GPRS SMS Command: W000000,013,1 E. Set GPRS Interval SMS Command: W000000,014,XXXXX XXXXX should be in five digits and in unit of 10 seconds. For example, if you want the tracker to report to the server every one minute, SMS command is as follows: W000000,014,00006
MT80i,MT88,MT90,	SMS Command: Password,A21,X,IP,Port,APN,APN Username,APN Password

MVT100,MVT340, MVT380, MVT600, T1	Default password is 0000. X = 0, close GPRS; X = 1, TCP; X = 2, UDP. IP : IP address or domain name, max 32 bytes. Port: max 5 bytes. APN / APN username / APN password: max 32 bytes; If no username and password required, leave them blank. Example: 0000,A21,1,67.203.13.26,8500,CMNET,,
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1.1.2 By Parameter Editor

Do the GPRS settings in Parameter Editor. Refer to user guide of Parameter Editor for more details.

Parameter Editor for GT30i, GT60, VT300, VT310, VT400, MT80i, MT88, MT90, MVT100, MVT340, MVT380, MVT600 and T1

The screenshot shows the 'Parameter Editor' software interface. The top menu bar includes 'File', 'Help', and a dropdown for 'COM12' with 'MVT600' selected. Below the menu is a toolbar with buttons: 'Open Port', 'Read Settings', 'Write Settings', 'Save Settings', and 'Load Settings'. The main window has several tabs: 'SMS Tracking', 'GPRS Tracking', 'Main Settings', 'Geo-fence Settings', 'Authorization', 'SMS Header', and 'Photo Authorization'. The 'GPRS Tracking' tab is active, displaying GPRS configuration fields: 'GPRS' (set to 'TCP'), 'GPRS Interval' (6 *10 s), 'GPRS Interval(ACC OFF)' (0 *10 s) with a 'Disable' checkbox, 'IP' (67.203.13.26), 'Port' (8800), 'Secondary IP' (empty), 'Port' (0), 'APN' (cmnet), 'APN Username' (empty), 'APN Password' (empty), and 'Tracker ID' (empty). Below these fields are 'Read' and 'Write' buttons. On the right side, there is a list of events with checkboxes for GPRS status, including 'SOS/Input 1 Active', 'Input 2 Active', 'Input 3 Active', 'Input 4 Active', 'Input 5 Active', 'SOS/Input 1 Inactive', 'Input 2 Inactive', 'Input 3 Inactive', 'Input 4 Inactive', 'Input 5 Inactive', 'Low Battery', 'Low External Power', 'Speeding', 'Enter Geo-fence', 'Exit Geo-fence', 'External Power On', 'External Power Off', 'No GPS Signal', 'Get GPS Signal', 'Enter Sleep', 'Exit Sleep', 'GPS Antenna Cut', 'Device Reboot', 'Heartbeat Report', 'Heading Change Report', and 'Distance Interval Report'. At the bottom right of the event list are 'Read' and 'Write' buttons.

Check GPRS and select TCP/UDP.

Enter the Tracker ID which is the only identification number.

For GT30i/GT60/VT300/VT310/VT400, check the S/N barcode from the device's case or PCB. If the S/N reads: 4037828853 then please fill this blank with 4037828853;

For MT80i/MT88/MT90/MVT100/MVT340/MVT380/MVT600/T1, the Tracker ID is tracker's IMEI which will be shown on Parameter Editor.

Enter APN, APN Username, APN Password. You can leave them blank if no APN username or password is required.

Enter the IP address of the server. Utrack Server's IP: 103.9.103.14, Port: 8500

Interval: Enter the interval you want the tracker to report to the server.

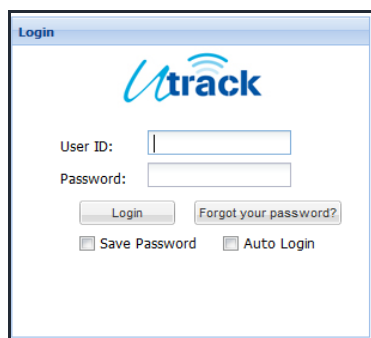
Then click "Apply" or "Write".

1.2 Login MS02

Go to the tracking website:

<http://www.utrack.asia>

User ID and Password are issued after Utrack product registration.

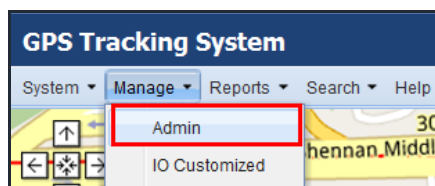


Mobile login

For more details, please refer to Part 3, MS02 mobile tracking

1.3 Add New Device

After Login the system, click "Manage" → "Admin".



Click your user name in the Navigation. At the bottom of the right hand side, there are three options as follows:

The screenshot shows the 'Admin' window with a 'demo' user profile. The profile details include:

Item	Description
User Name	demo
Mobile	
Telephone	68373345
E-mail	support@extramiles.asia
E-mail 2	
E-mail 3	
Send mail when al...	No
Address	35 Selegie Road #04-12 Parklane Shopping Mall S...
Device Limits	5
Effective Date	2013-06-14
Expiry Date	2030-01-29

At the bottom of the window, there are three buttons: 'Add a New Device' (highlighted with a red box), 'Add Existing Device', and 'Remove Device'.

Click "Add a New Device" then you can start adding devices to the tracking system.

The 'Add a New Device' dialog box contains the following fields:

- Device ID: (highlighted with a green box and an arrow pointing to 'S/N or IMEI')
- Password:
- Device Name:
- SIM Number:
- Model: (dropdown menu)

At the bottom of the dialog box are three buttons: 'Add', 'Reset', and 'Cancel'.

Device ID: The S/N or IMEI of the device. Device cannot be added if this number is incorrect.

For GT30i/GT60/VT300/VT310/VT400, check the S/N barcode from the device's case or PCB. If the S/N reads: 4037828853 then please fill this blank with 4037828853

For MT80i/MT88/MT90/MVT100/MVT340/MVT380/MVT600/T1, the Tracker ID is tracker's IMEI.

Password: The user's password for sending SMS commands. Default password as follows:

000000 for GT30i, GT60, VT300, VT310 and VT400;

0000 for MT80i, MT88, MT90, MVT100, MVT340, MVT380, MVT600 and T1.

If you've changed the password, please use the latest one.

Device Name: This name will be shown in the system. You can name the device by vehicle license number, name of the driver or even company's name.

SIM Number: The phone number of the SIM card in the device.

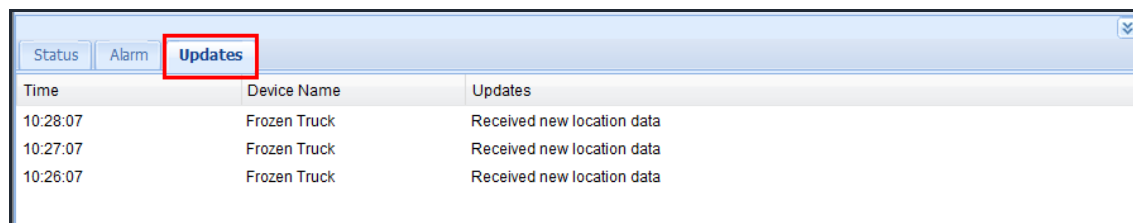
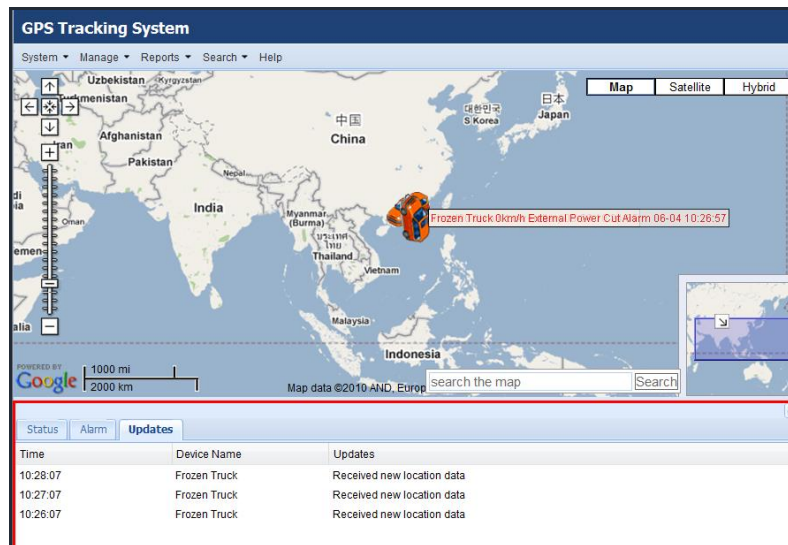
Model: The model of the device you would like to add. Please choose the correct model **(this is very important)**.

1.4 Check Status Updates

The updated status of the device is right below the map. Select the device by check the box in the control panel. And it will show the updates of the device.

When sent commands failed, you can check this updates to see if the devices have sent data to the server.

After adding a new device, you can check this updates to see if the device is online already.



2. System Functions

2.1 System Settings

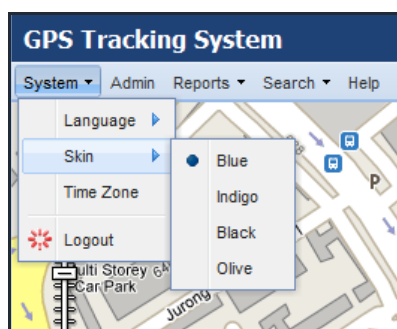
2.1.1 Language

Click 'System' → 'Language' and select the language as you want. Currently, MS02 offers English, Chinese and Spanish. The default language is decided by your operating system.



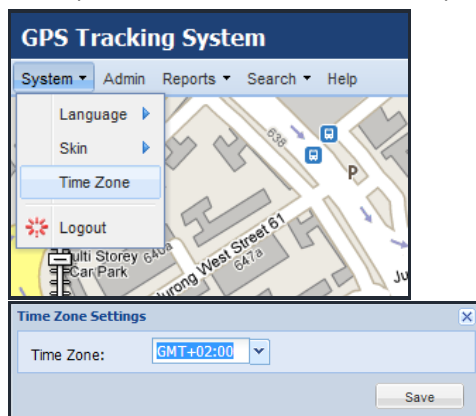
2.1.2 Skin

Click 'System' → 'Skin'. Select the color you want for the system interface. MS02 offers blue, purple, black and green skin. The default color is blue.



2.1.3 Time Zone

Click 'System' → 'Time Zone'. You can select your local time zone. The default time zone is GMT+8.



2.1.4 Logout

When you want to logout the system, please click 'system' and select 'Logout'.

2.2 Manage

2.2.1 Admin

2.2.1 .1 Add New Device

Click “Manage”→”Admin” and select the user name which you want to add a new device. Then click ‘Add a new device’.

Note:

There is device number limit for each user. The user is only allowed to add the device numbers less or equal to the limit. As shown below, the user is only allowed to add 5 devices. If you want to exceed the limits of the devices connection please contact us for buying more.

Expiry Date: shows the date your user account will expire. Please contact us for renewal before your account expires.

The screenshot shows the 'GPS Tracking System' interface. The 'Manage' menu is open, and 'Admin' is selected. Below it, 'IO Customized' is also visible. The 'Admin' window displays a list of users on the left, including 'demo'. The 'demo' user profile is shown on the right, with fields for 'User Name', 'Mobile', 'Telephone', 'E-mail', 'E-mail 2', 'E-mail 3', 'Send mail when al...', 'Address', 'Device Limits', 'Effective Date', and 'Expiry Date'. The 'Device Limits' field is set to 5, and the 'Expiry Date' is 2030-01-29. At the bottom, there are buttons for 'Save', 'Change Password', 'Add a New Device', 'Add Existing Device', and 'Remove Device'.

Item	Description
User Name	demo
Mobile	
Telephone	68373345
E-mail	support@extramiles.asia
E-mail 2	
E-mail 3	
Send mail when al...	No
Address	35 Selegie Road #04-12 Parklane Shopping Mall S...
Device Limits	5
Effective Date	2013-06-14
Expiry Date	2030-01-29

Add New Device

Device ID: 4037828899 **S/N or IMEI**

Password: 000000

Device Name: Mei Car

SIM Number: 13510999064

Model: VT310

Add Reset Cancel

Device ID: The S/N or IMEI of the device. Device cannot be added if this number is incorrect.

Password: The user's password for sending SMS commands. Default password as follows:

000000 for GT30i, GT60, VT300, VT310 and VT400;

0000 for MT80i, MT80, MT88, MT90, MVT100, MVT340, MVT380, MVT600 and T1.

Device name: It's the name of the device shown on the system. For example, car license, driver's name, company's name and so on.

SIM Card number: The phone number of the SIM card installed in the device.

Model: The model of the device. The device model must be selected correctly (**this is very important**).

2.2.1.2 Add Existing Device

Click 'Admin' and select the user name under which you want to add an existing device. Then click 'Add Existing Device' to add the device which was added in the system already under the other user name. Multiuser can add a same existing device and monitor it at the same time under the condition that the device's ID, phone number, and password are open to other users.

Admin

Navigation

Search

Extramiles

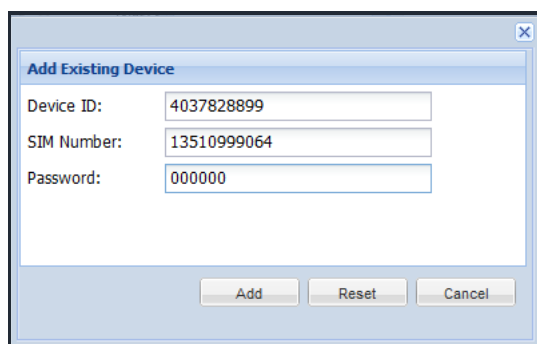
001utrack

001utrack

Item	Description
User Name	001utrack
Mobile	
Telephone	
E-mail	support@extramiles.asia
E-mail 2	
E-mail 3	
Send mail when al...	Yes
Address	
Permission	Regular User
Device Limits	5
Effective Date	2013-10-02
Expiry Date	2030-01-01

Save Change Password

Add a New Device **Add Existing Device** Remove Device



Add Existing Device

Device ID:

SIM Number:

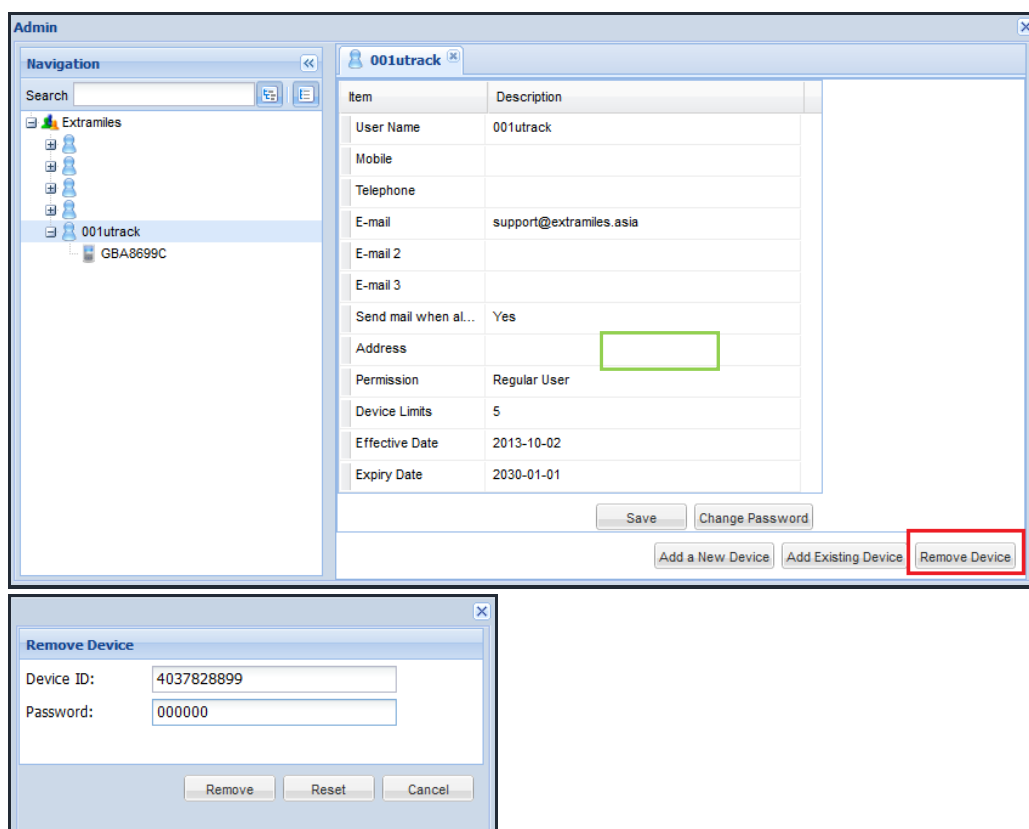
Password:

Device ID: The S/N or IMEI of the device. The Tracker ID must be the same as the one entered when the device was added in the system.

SIM Card number: The phone number of the SIM card installed in the device.

Password: The user's password for sending SMS commands. The password must be the same as the one entered when the device was added in the system.

2.2.1.3 Remove Device



Admin

Navigation

Search

- Extramiles
 - 001utrack
 - GBA8699C

001utrack

Item	Description
User Name	001utrack
Mobile	
Telephone	
E-mail	support@extramiles.asia
E-mail 2	
E-mail 3	
Send mail when al...	Yes
Address	
Permission	Regular User
Device Limits	5
Effective Date	2013-10-02
Expiry Date	2030-01-01

Remove Device

Device ID:

Password:

Device ID: The S/N or IMEI entered when the device was added.

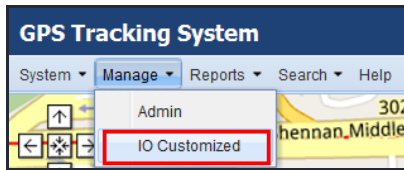
Password: The user's password for sending SMS commands. The password must be the same as the one entered when the device was added in the system.

Any one of the number entered incorrectly will cause failure to remove the device.

2.2.2 IO Customized

Click "Manage"→"IO Customized".

The status of the input/output can be defined in is function.

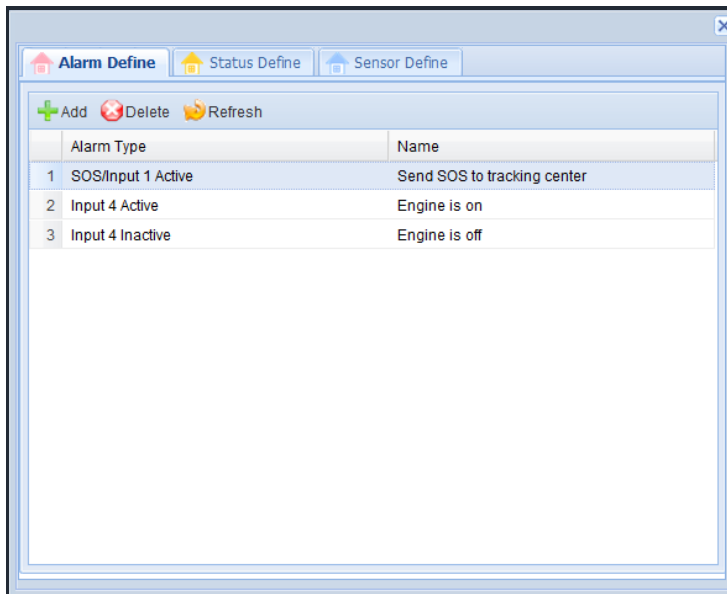


2.2.2.1 Alarm Define

This function is for defining the status change of IO which means inputs and outputs. When the status of IO changed, the alarm will be sent to the tracking system via GPRS.

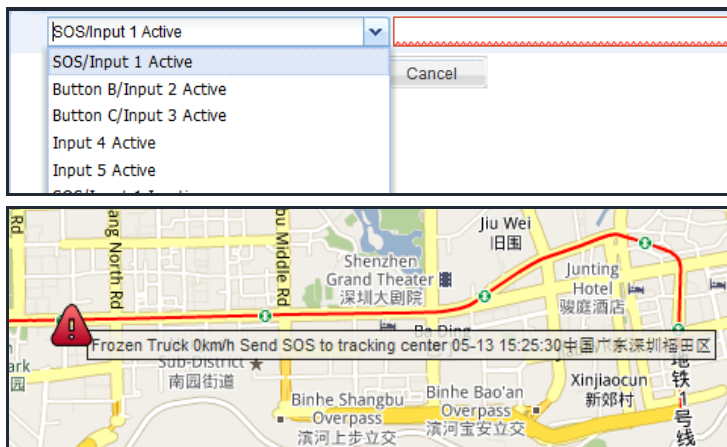
For example, we can define "SOS/Input 1 Active" as "Send SOS to tracking center". When SOS button is pressed, the SOS alarm will be sent to the tracking system MS02.

Input 4 can be connected to ACC. When the input is activated, it means "engine is on." and vice versa.



- ➡ Add alarm: click  to add and define the alarm. Firstly, select the input you would like to define. Then enter the definition of the IO and click "Save".

When the IO is activated, the alarm will be shown on the map as below,



- Delete alarm: Select the IO definition you would like to delete and click the icon .
- Edit: Select the IO definition you would like edit and double click. Select the new IO and enter the new definition. Click "Save" after finished editing.
- Refresh: click  to refresh the contents.

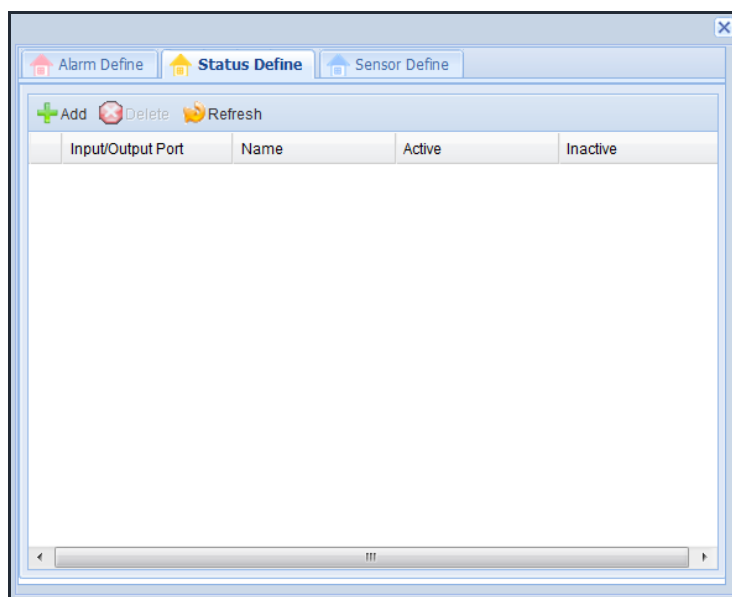
2.2.2.2 Status Define

This function is for defining the status of input/output ports. This information will be included in the data package sent to the server.

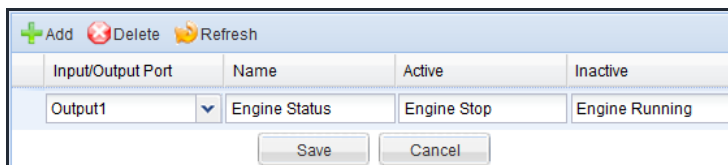
For example, Input 1 is connected to the circuit of engine with a relay.

When the circuit is cut off (input activated), it is defined as "Engine Stop".

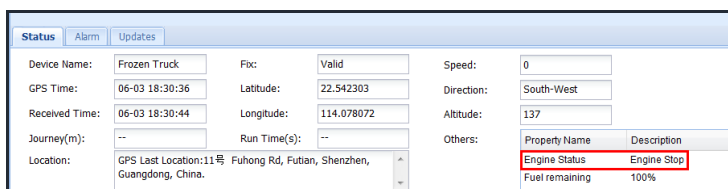
When the circuit is connected (input inactivated), it is defined as "Engine Running".



- Add: click the icon  to define a new input.
Select the input which you would like to define. And then enter the name and the definition of the status.
Click "Save" when finished.



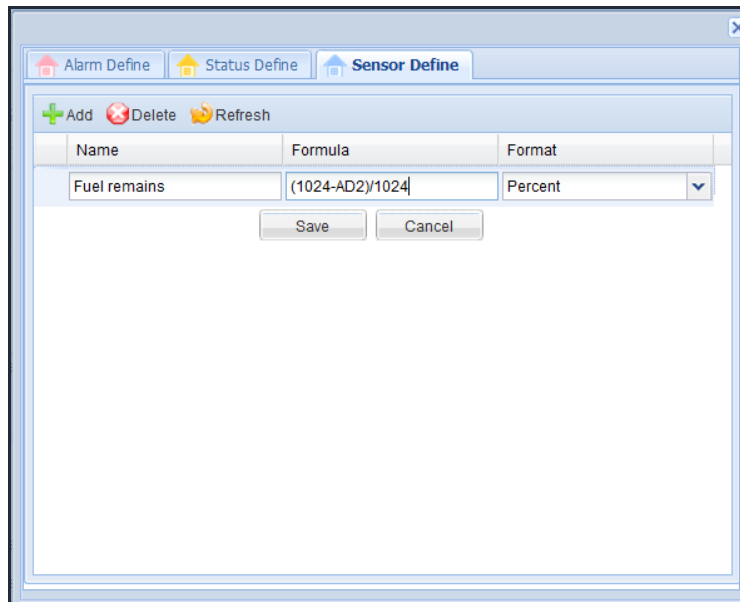
When the "Stop Engine" command is sent, the status in the interface of MS02 will show as below,



- Delete alarm: Select the input/output definition you would like to delete and click the icon .
- Edit: Select the input/output definition you would like edit and double click. Select the input/output and enter the new definition. Then click "Save".
- Refresh: click  to refresh the contents.

2.2.2.3 Sensor Define

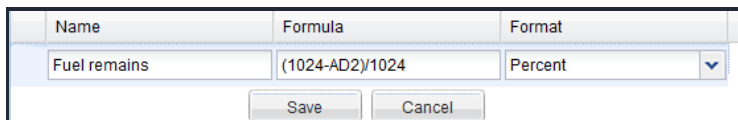
Sensor define is used for defining calculation formula of the sensor. It is suitable for linear analog sensor. For example, the formula of the calculation of fuel sensor is shown as below,



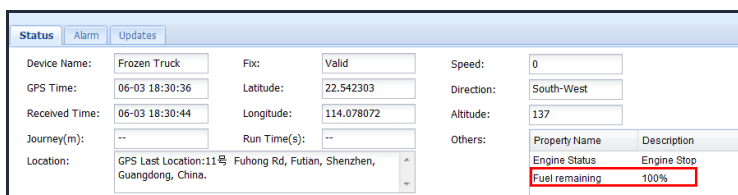
- Add: click the icon  and enter the name. Enter the formula of the calculation and select the format. The result could be in percentage or decimal. And then click "Save".

Formula: only letters, numbers and symbols allowed. The number of AD will be different. It depends which analog input you connected to the sensor.

Format: Percentage or decimal. Please check out the user manual of the sensor.



After adding the formula, the status on the main interface will show as below,



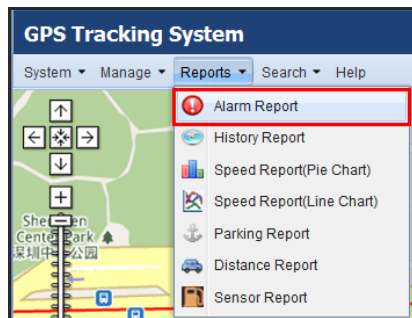
The results of the sensors' calculation can be found in the "Reports".

- Delete alarm: Select the name of the sensor you would like to delete and click the icon .
- Edit: Select the name of the sensor you would like edit and double click. Enter the new name, formula and format. Then Click "Save".
- Refresh: click  to refresh the contents.

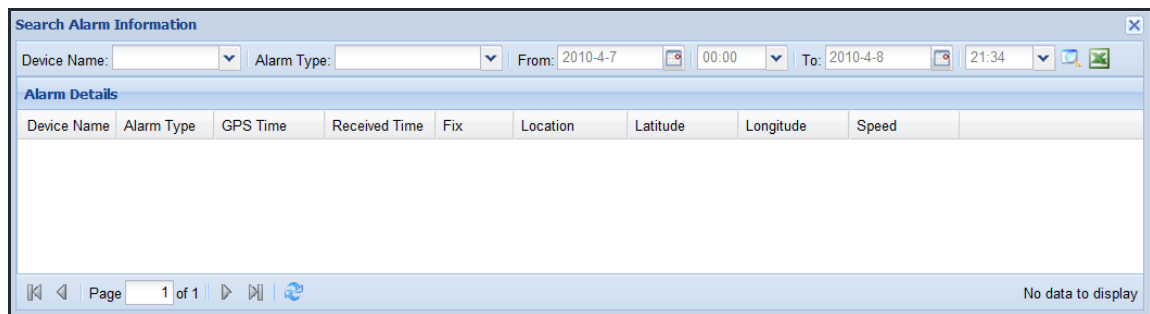
2.3 Reports

2.3.1 Alarm Report

Click 'Reports' → 'Alarm Report'.



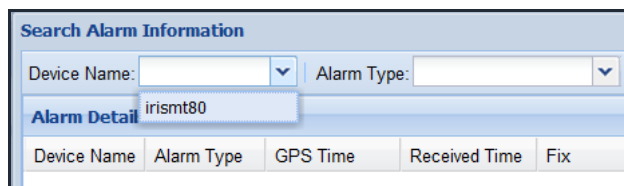
The interface is shown as follows:



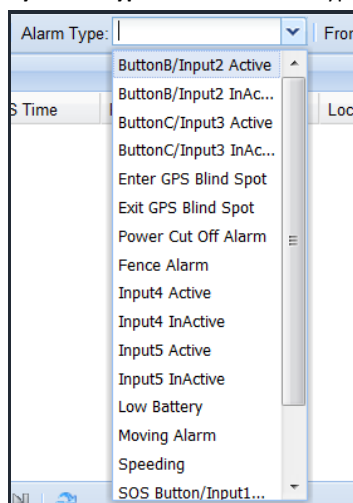
2.3.1.1 Search

You can search reports by the following three ways:

By Device Name: The name used when the device was added in the system. If blank, it will search results for all devices.



By Alarm Type: Select an alarm type to search. If blank, it will search all alarms.



By Time Range: Search by a selected time range.

From: 2010-4-7 00:00 To: 2010-4-8 21:34

2.3.1.2 Start Search

Please click the Search icon  to start search according to your requirements. All the results that meet your requirements will be shown as below.

Search Alarm Information

Device Name: Alarm Type: From: 2010-04-08 00:00 To: 2010-4-10 1:44

Alarm Details

Device Name	Alarm Type	GPS Time	Received Time	Fix	Location	Latitude	Longitude	Speed
mexmix	Input5 Active	04-09 12:14:59	04-09 12:15:03	Valid	Eloy Cavazos, Monte...	25.643678	-100.149593	0.00
mexmix	SOS Button/Inp...	04-09 12:16:05	04-09 12:16:09	Valid	Eloy Cavazos, Monte...	25.643678	-100.149593	0.00
mexmix	Input5 InActive	04-09 12:16:10	04-09 12:16:14	Valid	Eloy Cavazos, Monte...	25.643678	-100.149593	0.00
mexmix	SOS Button/Inp...	04-09 12:16:16	04-09 12:16:21	Valid	Eloy Cavazos, Monte...	25.643678	-100.149593	0.00
mexmix	SOS Button/Inp...	04-09 12:16:28	04-09 12:16:32	Valid	Eloy Cavazos, Monte...	25.643678	-100.149593	0.00

Page 1 of 2 Displaying 1 - 15 of 17

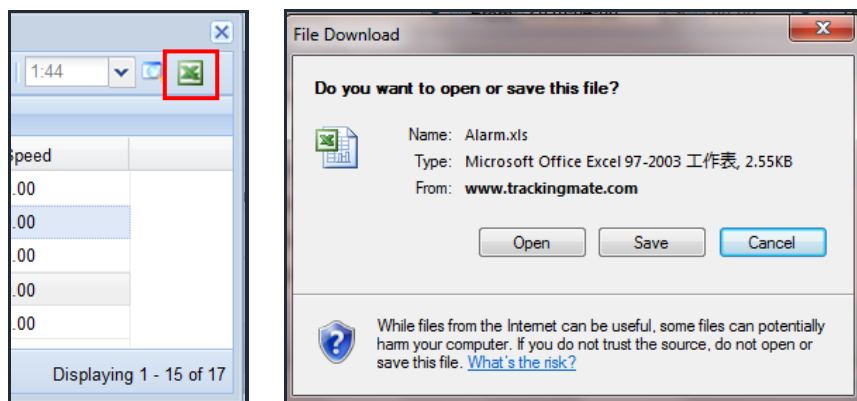
2.3.1.3 Show Location of an Alarm

Double click one of the alarms in the search results. The map will pop up and with the alarm type shown on it, as the chart shown below:

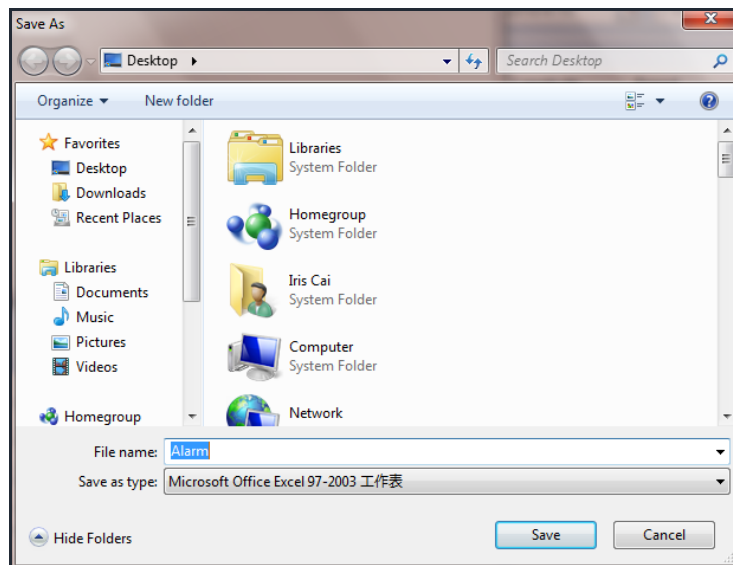


2.3.1.4 Export to Excel

Click the Excel icon on the right side of the toolbar. A window will pop up to ask you if you want to save it as Excel.



Click 'Save' to save it to your computer.

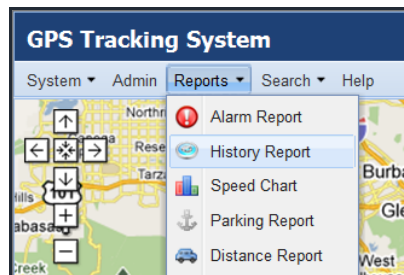


The saved Excel shows the format as below:

	A	B	C	D	E	F	G	H	I
1	Device Name	Alarm Type	GPS Time	Received Time	Fix	Location	Latitude	Longitude	Speed
2	mexmix	Input5 Active	4/9/2010 12:14	4/9/2010 12:15	Valid	Eloy Cava;	25.64368	-100.149593	0
3	mexmix	SOS Button/Input1 Active	4/9/2010 12:16	4/9/2010 12:16	Valid	Eloy Cava;	25.64368	-100.149593	0
4	mexmix	Input5 InActive	4/9/2010 12:16	4/9/2010 12:16	Valid	Eloy Cava;	25.64368	-100.149593	0
5	mexmix	SOS Button/Input1 Active	4/9/2010 12:16	4/9/2010 12:16	Valid	Eloy Cava;	25.64368	-100.149593	0
6	mexmix	SOS Button/Input1 Active	4/9/2010 12:16	4/9/2010 12:16	Valid	Eloy Cava;	25.64368	-100.149593	0
7	mexmix	Input5 Active	4/9/2010 12:16	4/9/2010 12:16	Valid	Eloy Cava;	25.64368	-100.149593	0
8	mexmix	Input5 InActive	4/9/2010 12:16	4/9/2010 12:16	Valid	Eloy Cava;	25.64368	-100.149593	0
9	mexmix	SOS Button/Input1 Active	4/9/2010 12:20	4/9/2010 12:20	Valid	Eloy Cava;	25.64368	-100.149593	0
10	mexmix	Input5 Active	4/9/2010 12:33	4/9/2010 12:33	Valid	Eloy Cava;	25.64366	-100.1496	0

2.3.2 History Report

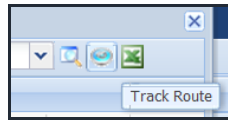
Click 'Reports' → 'History Report'.



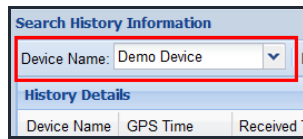
Select a device and a time range to search the history report for it. The search results are shown as below:

Search History Information									
Device Name:		From:	2010-04-06	00:00	To:	2010-4-10	1:59		
History Details									
Device Name	GPS Time	Received Time	Fix	Latitude	Latitude	Altitude	Speed	Direction	
Demo Device	04-06 00:00:04	04-06 00:00:04	Valid	22.540503	114.079768	0	0.00	0	
Demo Device	04-06 00:00:04	04-06 00:00:04	Valid	22.540503	114.079768	0	0.00	0	
Geoff VT300	04-06 00:00:06	04-06 00:00:13	Valid	36.582542	-4.582878	138	0.00	0	
Demo Device	04-06 00:00:34	04-06 00:00:34	Valid	22.540503	114.079768	0	0.00	0	
Demo Device	04-06 00:00:34	04-06 00:00:34	Valid	22.540503	114.079768	0	0.00	0	
Geoff VT300	04-06 00:00:36	04-06 00:00:42	Valid	36.582542	-4.582878	138	0.00	0	

Compare to Alarm Report, History Report has the function to show the history route by clicking the Track Route icon .

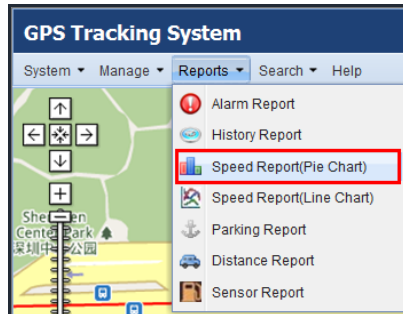


This function is to map the history location in a route.

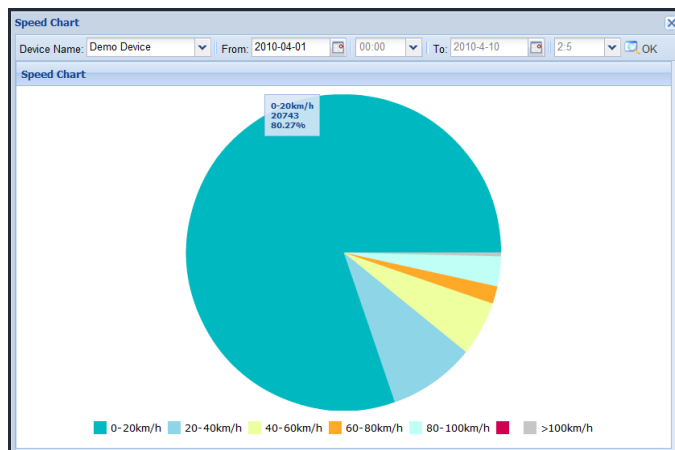


2.3.3 Speed Chart (Pie Chart)

Click 'Reports' → 'Speed Chart (Pie Chart)'

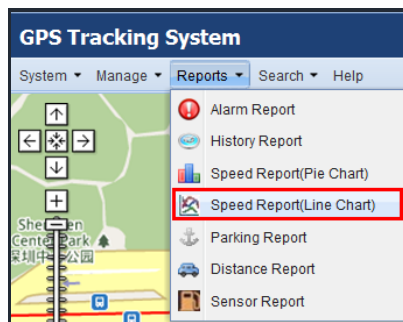


Select a device and set the time range and then click 'OK' to start search. The pie chart will show the proportion of speed during this period. This report is for monitoring the driver's driving habit of speeding.

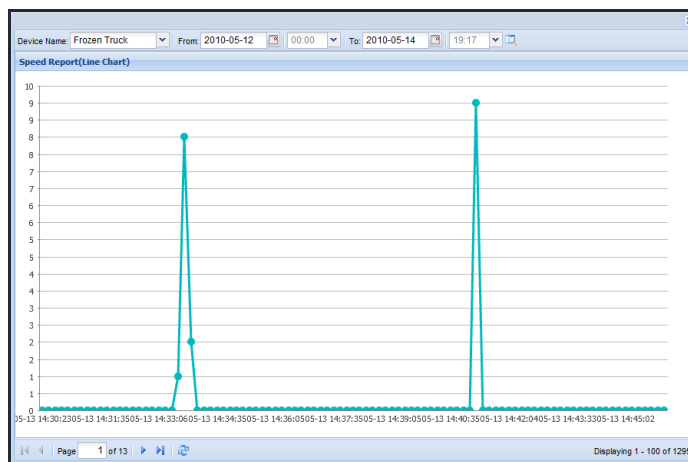


2.3.4 Speed Chart (Line Chart)

Click 'Reports' → 'Speed Chart (Line Chart)'

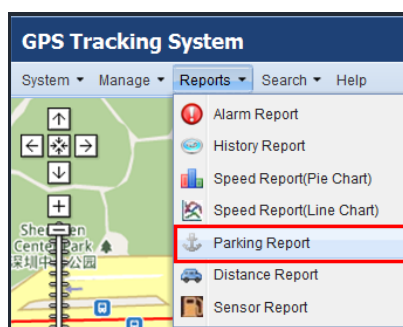


Select a device and set the time range and then click 'OK' to start search. The line chart will show the speed during this period. This report is for monitoring the driver's driving habit of speeding.



2.3.5 Parking Report

Click 'Reports' → 'Parking Report'.



Select a device from the drop-down menu and set the time range. Then click “ ” to start search. This report shows the period of time of each parking. When the speed is lower than 10km/h for over 3 minutes, it will be reported as a parking. You can define the parking time with minimum 3 minutes for search.

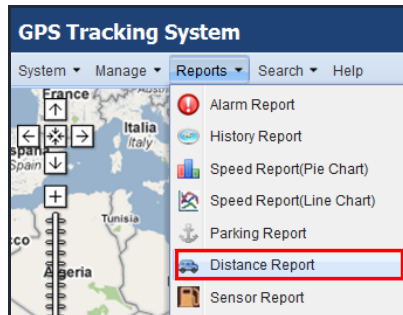
Parking Report

Device Name: Personal Tracker Parking Time: 00:10 From: 2010-6-2 00:00 To: 2010-6-3 19:35

Device Name	Start Time	End Time	Spot	Period Of Time(...)
Personal Tracker	2010-6-2 11:30:44	2010-6-2 11:43:10	Jalan Pajajaran - Bantarjati...	13
Personal Tracker	2010-6-2 11:55:39	2010-6-2 12:17:01	Jalan Pajajaran - Bantarjati...	22
Personal Tracker	2010-6-2 12:47:52	2010-6-2 13:45:03	Jalan Bukit Tunggal, Bogor...	58
Personal Tracker	2010-6-2 13:49:20	2010-6-2 14:01:57	Jalan Ciremai Ujung, Bogor...	12
Personal Tracker	2010-6-2 14:02:57	2010-6-2 14:17:51	Jalan Panca Warna, Bogor...	15
Personal Tracker	2010-6-2 14:18:37	2010-6-2 15:05:07	Jalan Ciremai Ujung, Bogor...	47

2.3.6 Distance Report

Click "Reports" → "Distance Report".



Select a device and the time range from the drop-down menu. Then click "🔍" to start search. This report shows the distance and the average speed between every two parking spots.

Note: The parking spot is decided by the speed. When the speed is lower than 10km/h for over 3 minutes, it will be reported as a parking.

Distance Report

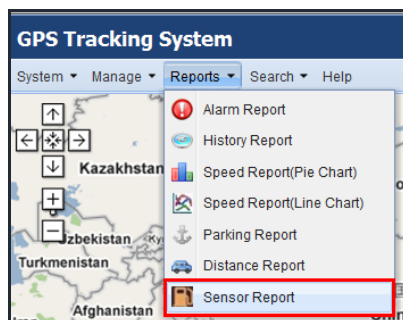
Device Name: Geoff VT300 From: 2010-03-01 00:00 To: 2010-4-10 12:26 OK

Start Time	End Time	Period O...	Start Address	Stop Address	Average Speed(km/h)	Distance(km)
2010-3-20 19:56:26	2010-3-20 19:57:26	1	Calle Toledo, 1-7, 2...	Camino de Fuengirol...	5	0.0963
2010-3-22 0:35:07	2010-3-22 0:46:16	11	E-15, 29630 Benalm...	Av de Valle-Inclán, 2...	93	17.5075
2010-3-22 1:02:43	2010-3-22 1:16:38	14	36.7289,-4.445237	36.586127,-4.593407	96	22.8965
2010-3-22 17:38:34	2010-3-22 18:12:39	34	36.582912,-4.584462	36.607515,-4.543408	35	7.4178
2010-3-22 0:55:28	2010-3-22 0:59:07	4	36.734888,-4.478322	36.724733,-4.456957	27	2.2079
2010-3-23 19:04:33	2010-3-23 19:08:33	4	36.551183,-4.639233	36.53994,-4.650882	37	2.0808
2010-3-22 0:48:04	2010-3-22 0:53:17	5	Av de Valle-Inclán, 2...	Calle de Lope de Ru...	39	3.4336
2010-3-20 20:00:57	2010-3-20 20:06:27	6	Camino de Fuengirol...	Calle de Tolox, 11,...	28	2.2077
2010-3-22 0:28:38	2010-3-22 0:34:44	6	Calle Toledo, 1-7, 2...	E-15, 29630 Benalm...	50	3.8756
2010-3-22 18:13:09	2010-3-22 18:21:10	8	36.606593,-4.545217	36.539725,-4.635373	95	12.3317

Page 1 of 22 Displaying 1 - 10 of 322

2.3.7 Sensor Report

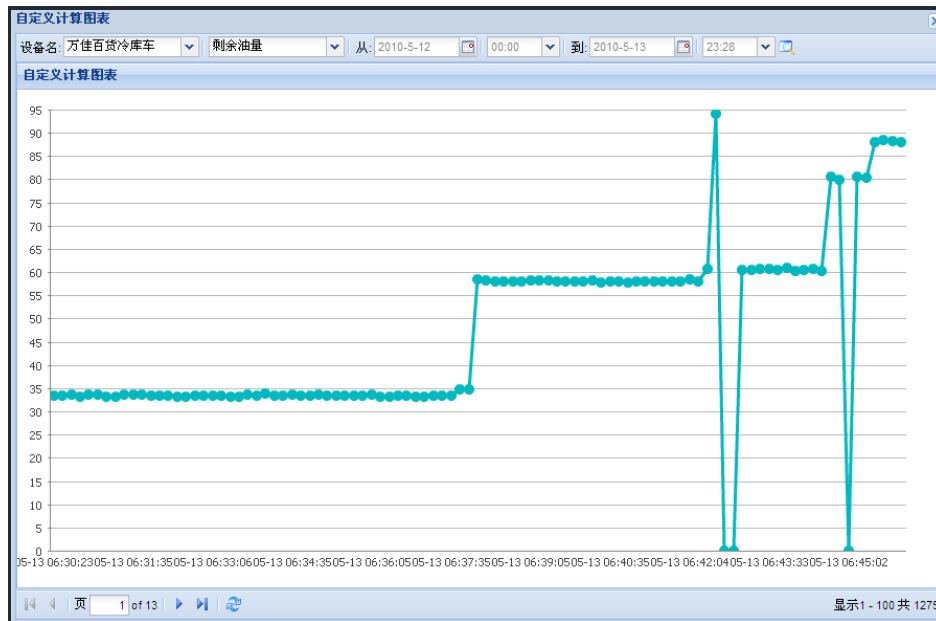
Click "Reports" → "Sensor Report".



Select a device, sensor name and the time range from the drop-down menu. Then click "🔍" to start search.

See below an example of report for fuel sensor.

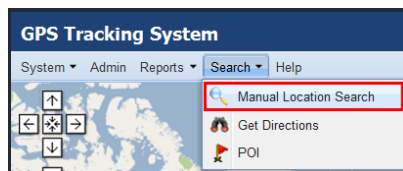
The calculation of the fuel sensor can be defined in “Manage”→“IO Customized”.



2.4 Search

2.4.1 Manual Location Search

Click 'Search' → 'Manual Location Search'.



Manual Location Search

Search by degree/min/sec (degree/min/sec ex. 12/34/56.78)

Latitude: N

Longitude: E

Search by decimal (decimal ex. 24.45763)

Latitude: Longitude:

You can search by two ways:

One is in format of degree/min/sec as location report you received from the tracker by SMS.

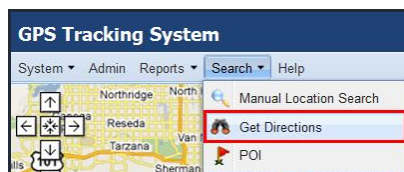
The other way is in format of decimal. Enter the data directly.

Click 'Go' and the location will be shown on the map.

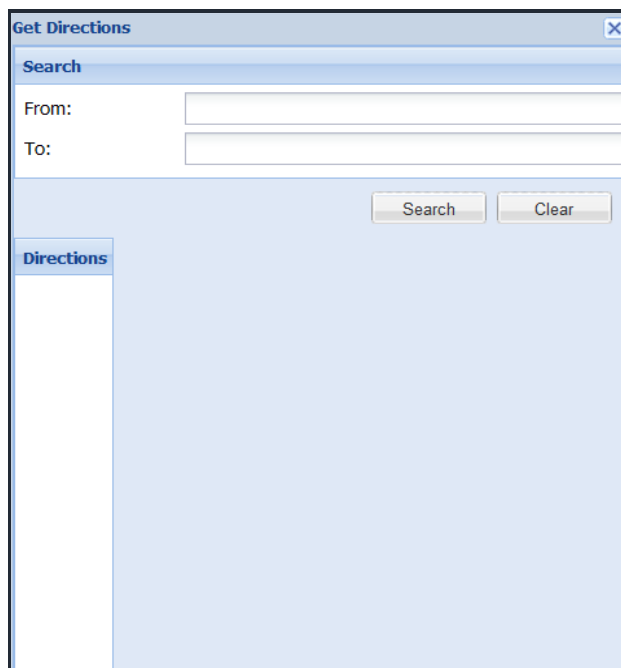


2.4.2 Get Directions

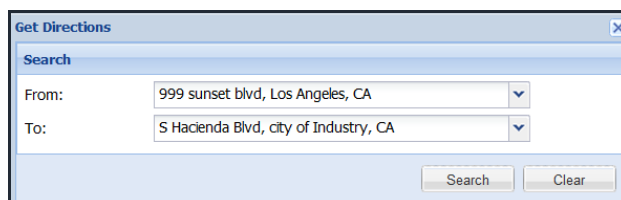
Click 'Search' → 'Get Directions'.



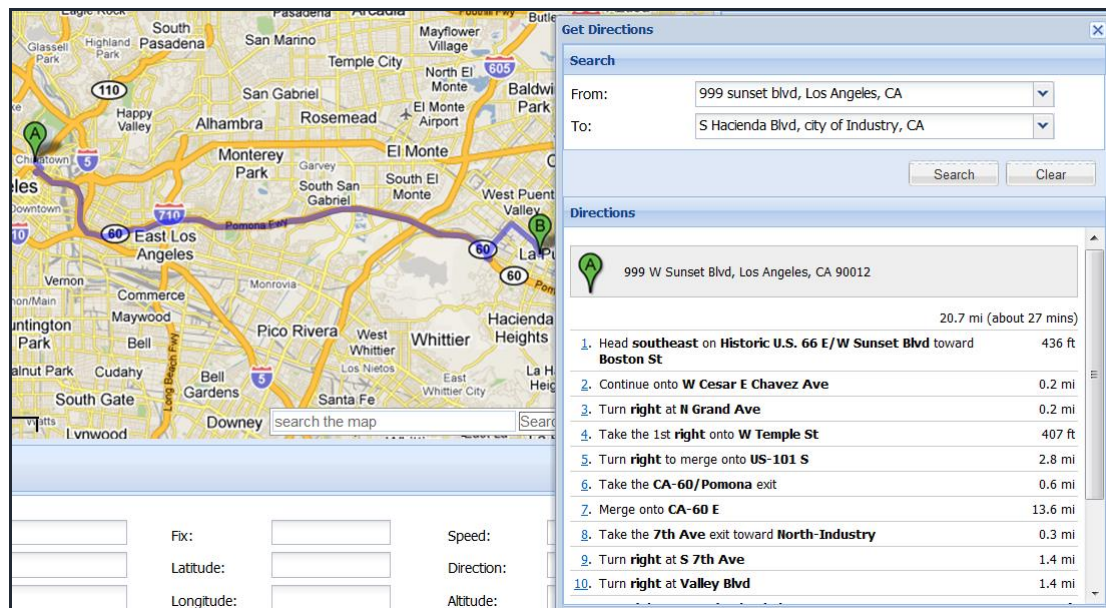
A search window will pop up as below:



Enter the current location and destination and click 'Search' to get directions.



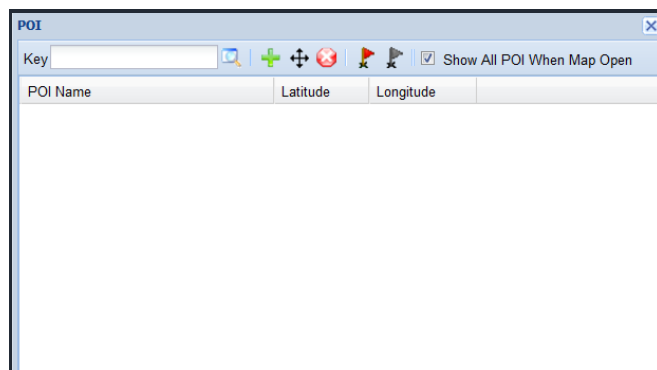
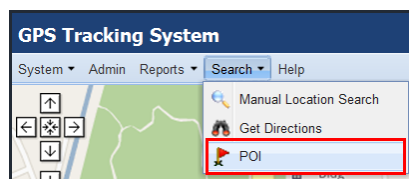
The route will be shown on the map. A is current location while B is the destination.



2.4.3 POI Setting

Click 'Search' → 'POI'.

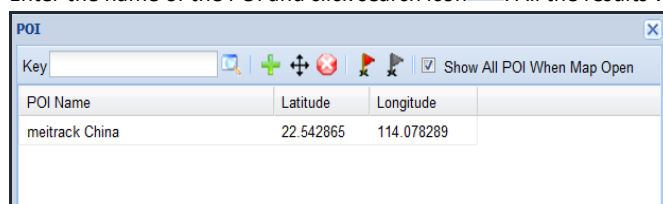
POI is used for mapping points of interested.



2.4.3.1 Search POI

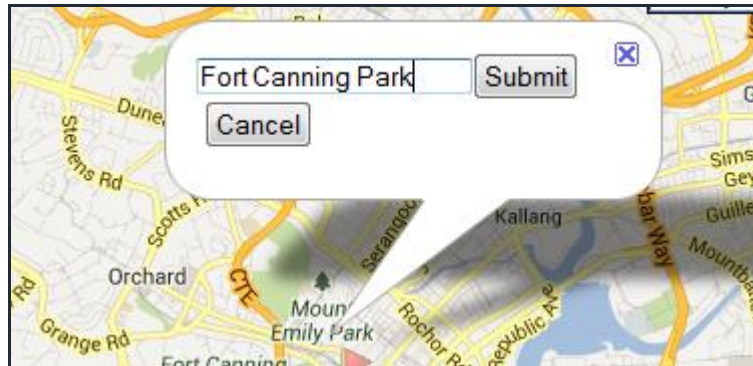
Search the POI which has been added before.

Enter the name of the POI and click search icon. All the results will be shown as below:



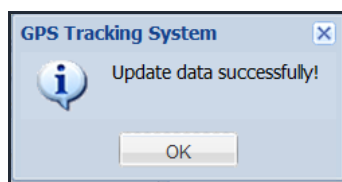
2.4.3.2 Add a New POI

Before adding a new POI, make target location shown on the map. Click the icon  and move the cursor on the target location and then click it. A window pops up as below:



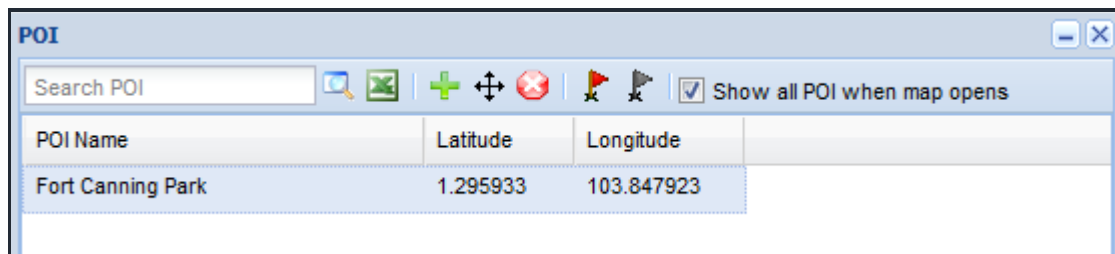
Enter the name for this POI and click 'Submit'.

After submission succeeds, it will pop up the window as below and show the flag on the map.

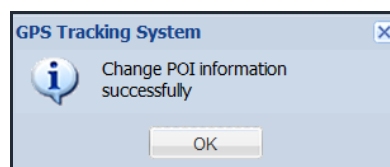
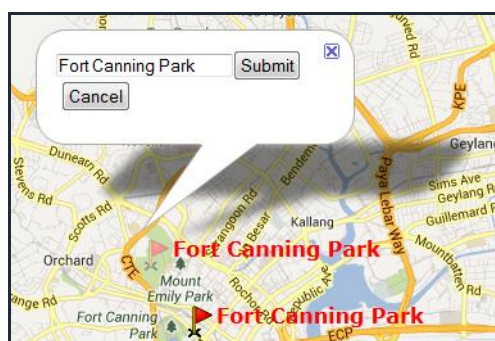


2.4.3.3 Move POI

Select the POI you want to move and then click the icon .

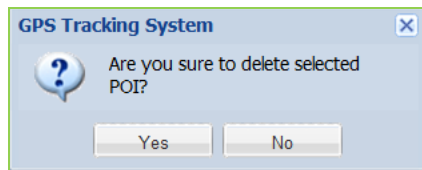


Move the cursor to a new location on the map. Click it and enter the name of the new POI. You can either keep the old name or change it into a new name. The old POI will disappear after the new POI is submitted successfully.



2.4.3.4 Delete POI

Select the POI you want to delete and then click the icon  to delete it. It will pop up a window to ask you to confirm if you want to continue.



Note: when selecting the POI, you can press "Ctrl" or "Shift" to select multi- POI's at the same time.

2.4.3.5 Show Selected POI

Select the POI (one or more) then click  to show.

2.4.3.6 Hide POI

Click  to hide all the POI on the map.

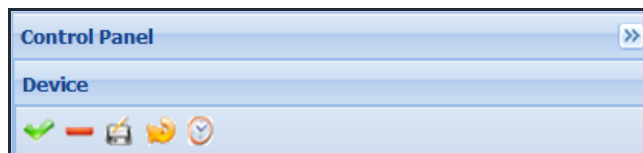
3.4.3.7 Show All POI When Map Opens

Check the box ☒ Show All POI When Map Open to show all the POI on the map after login.
Uncheck the box if you do not want to show all the POI on the map.

2.5 Control Panel

2.5.1 Device

3.5.1.1 Toolbar



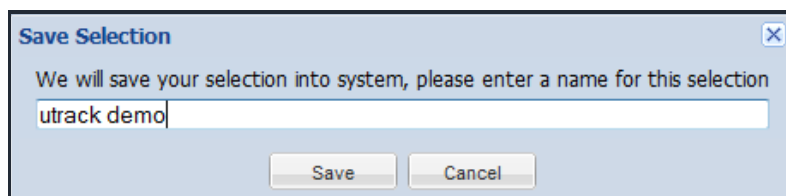
Select All



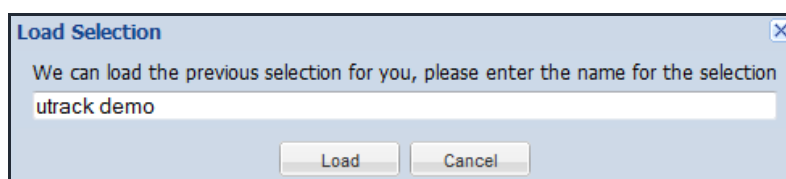
Select None



Save Selection. Record the devices and save it and name it. This selection can be loaded when you want to send commands to same trackers next time. Please write down the name of this selection. You're required to enter the name manually when you want to load the selection.



Load Selection: Enter the name of the selection which you want to load it.



2.5.1.2 Device List

Device				
Search     				
Input Status		Device Name	Latest Update	Stat
001utrack (1 Device)				
   	 ☒	GBA8699C	10-02 14:29:22	
: (4 Devices)				
   	 ☒	GBA8699C	10-02 14:29:22	
   	☐	GX5167X	10-02 14:29:10	
   	☐	MVT600 (demo ...	10-01 14:29:48	
   	 ☐	MVT600 (test set)	10-01 18:28:17	
: (4 Devices)				
   	 ☒	GBA8699C	10-02 14:29:22	
   	☐	GX5167X	10-02 14:29:10	
   	☐	MVT600 (demo ...	10-01 14:29:48	
   	 ☐	MVT600 (test set)	10-01 18:28:17	
: (4 Devices)				
   	 ☒	GBA8699C	10-02 14:29:22	
   	☐	GX5167X	10-02 14:29:10	
   	☐	MVT600 (demo ...	10-01 14:29:48	

Alarm Status: It will be blank when there is no alarm. When it shows , it could be SOS alarm, speeding alarm, geo-fence alarm or low battery alarm.

Check Box: ☒ Selected; ☐ Non-selected. You can select multi devices at the same time.

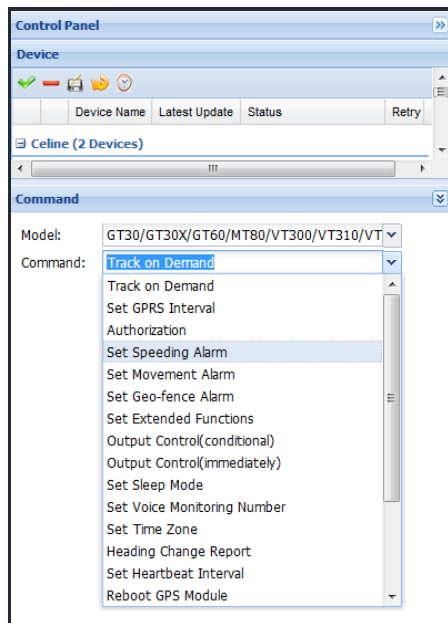
Device Name: It's the name entered when adding this device to the system.

Latest Update: The latest time of data that received from the device.

Status: It's the status of the data transmission. When sending the commands to the device by GPRS, it will show 'Sending'. If the commands are not received by the device, it will show 'Not Online'.

Retry: When the GPRS commands are not sent out, you can click "retry"  to resend the commands.

2.5.2 Commands



Select a command to be sent to the selected device(s).

For example, GPRS Interval can be set up by sending the command 'GPRS Interval'. Please make sure the device is connected and online. Or, the commands will not be sent successfully.

Note: MS02 will automatically recognize the user's time zone from computer system. Please don't change GPRS time zone, and remain the device's default GPRS time zone as 0. If changed, it may occur discrepancy between the tracking time and the actual time.

Please refer to the user manual and GPRS protocol of each model for more details for the commands.

2.6 Status

2.6.1 Status

Double click the device that you selected. The detailed information will be shown in the status tab as follows:

Status				Alarm	Updates
Device Name:	MVT600 (test se	Valid:	Invalid	Speed(mph):	0.00
GPS Time:	10-01 08:48:11	Latitude:	1.341098	Direction:	North
Received Time:	10-01 18:28:17	Longitude:	103.744103	Others:	
Journey(miles):	41.64	Run Time:	0day(s)16:38:0	GSM Signal	31
Location:	GSM Base Station:35 Selegie Road, Singapore 188307			RFID	1825605
				Tracker battery	3.443408203125
				Car battery	0

Click the icon  on the left side to hide the status and enlarge the map.

2.6.2 Alarm

It shows all the alarms for all the devices.

Status	Alarm	Updates				
Device Name	Alarm Type	Alarm Time	Location	Latitude	Longitude	
MVT600 (t...	External Battery Cut	2013-10-01 18:...	266 Toh Guan Road, Singapore 600266	1.341098	103.744103	
GBA8699C	Geo-fence(out)	2013-10-02 07:...	60 Alexandra Terrace, Singapore	1.27741	103.798915	
MVT600 (t...	External Battery Cut	10-01 18:01:08	266 Toh Guan Road, Singapore 600266	1.341098	103.744103	
GBA8699C	Movement Alarm	10-02 07:45:55	128 Pending Road, Singapore 670128	1.376175	103.769675	

2.6.3 Updates

It shows the updates of all the devices.

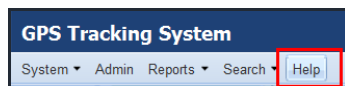
When sent commands failed, you can check this updates to see if the devices sent data to the server.

After added a new device, you can check this update to see if the device is online already.

Time	Device Name	Updates
14:36:53	GBA8699C	Received new location data
14:36:43	GX5167X	Received new location data
14:36:43	GBA8699C	Received new location data
14:36:13	GX5167X	Received new location data
14:36:23	GBA8699C	Received new location data
14:36:03	GBA8699C	Received new location data
14:35:43	GX5167X	Received new location data

2.7 Help

Click 'Help' in the main menu to get help information.



3. Mobile Tracking

3.1 MS02 Mobile version

MS02 mobile version is available for Iphone and andriod. You can login MS02 on your mobile phone by input the following URL:

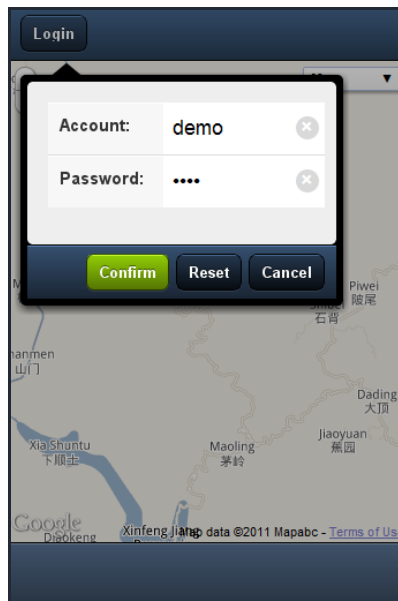
mobile.utrack.asia

(Note: the mobile phone should support GPRS connection or WiFi function.)

Main Page:



Click Login, input your user ID and password



Main Features:

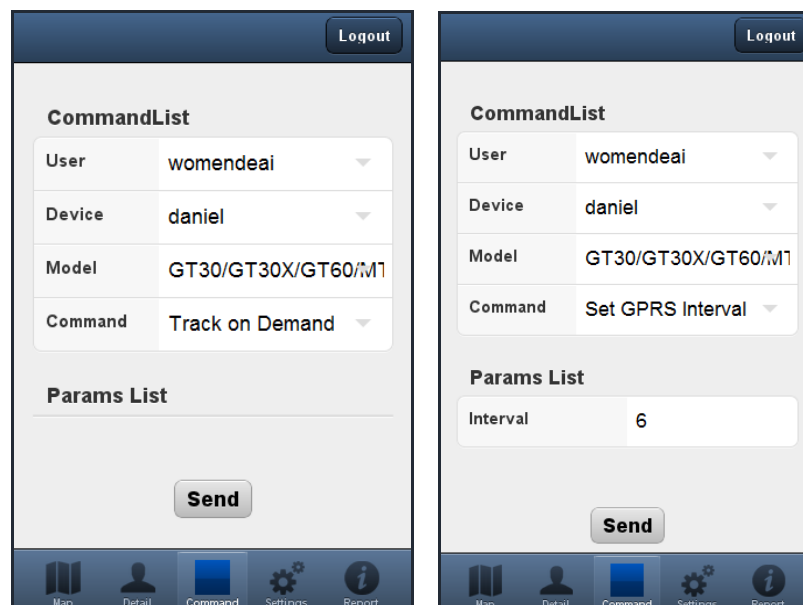
1. Map: Real time position display



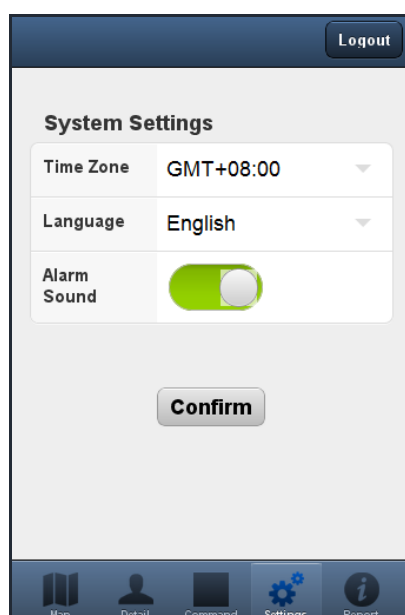
2. Detail: Status of the tracker (Time, GPS Fix, Latitude, Longitude, Speed, Direction, Altitude, Location, etc.)



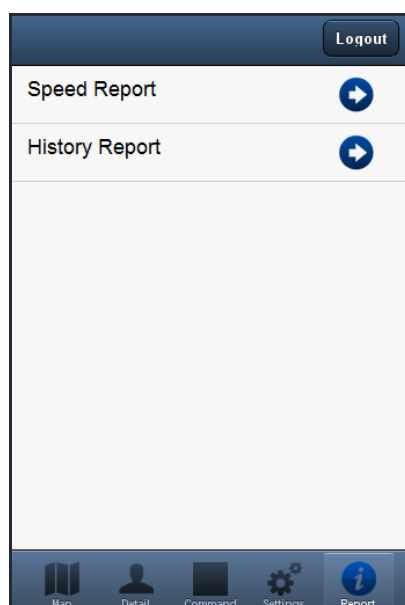
3. Command: Click it to send commands by GPRS



4. Setting: Set parameter



5. Report: Various reports, like speed, history charts



If you have any questions, please send e-mail to support@extramiles.asia. We are here to help you.